Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 22 Nov 2022 until 23:59 on Wednesday 23 Nov 2022

Forecast Issued on Monday 21 Nov 2022 at 16:22

Confidence: High for improving later Tuesday, then turning occasionally unsettled again from Wednesday, but lowering for the detail of the worst of the weather.

Headline for Tuesday 22 Nov 2022: Showery start, but conditions gradually improving into the afternoon.

Mountain weather hazards on Tuesday 22 Nov 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Light rain	Light rain	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
90%	80%	60%	40%	10%	<05%	<05%	<05%

Forecast for Tuesday 22 Nov 2022

Weather: Overcast at first with showers or longer periods of rain. Gradually turning drier and into the afternoon brighter, leading to a largely dry evening of well broken cloud cover.

Chance of cloud-free hill tops above 600m: 20% initially improving 80% by late afternoon

Low cloud and visibility: Good, becoming moderate or poor in rain and showers, very poor within cloud, with bases quite extensive down to 500m initially, before gradually lifting and breaking from mid-morning.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 22 Nov 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/16 N	15/20 N	17/22 N	16/21 N	13/17 NW	10/13 NW	9/12 W	8/11 SW	11/15 S
300	7/9 W	7/11 W	10/15 N	9/13 NW	10/13 NW	7/12 NW	6/9 SW	5/7 S	7/14 S
Valley	3/9 NW	5/15 N	7/17 N	6/15 N	7/13 NW	5/11 W	3/9 SW	4/7 SE	5/12 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-1	3/-2	3/-2	3/-2	3/-1	4/0	3/-1	3/-1	3/-1
300	5/2	5/3	5/2	5/2	6/3	6/4	5/3	4/2	5/2
Valley	5/4	6/4	5/3	6/3	7/5	7/5	5/4	4/3	4/3
Freezing Level*	1100m	1100m	1100m	1100m	1100m	1100m	1000m	1000m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some difficult conditions at first across highest peaks in severe wind chill and hill fog.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 21 Nov 2022	10.8mm	16.6mm	21mm

Forecast for Wednesday 23 Nov 2022

Weather: Area of occasionally heavy rain spreading from the west from around dawn. Rain and cloud clearing to sunshine and only a few scattered showers by late morning. Showers building into the afternoon, bringing a small risk of hail and thunder.

Maximum wind: Southeast veering southwest for the afternoon, mean 20 mph with gusts reaching 30-35 mph across most exposed ridges and summits.

Chance of cloud-free hill tops above 600m: 10-20% early morning, becoming 80% by mid-day then 60% late afternoon

Low cloud and visibility: Good, becoming moderate or poor in rain and showers, very poor within cloud, with bases quite extensive initially in early periods of rain down to 500m, and sporadically so in the showers.

Temperature: **Valleys:** Plus 1 Celsius increasing Plus 12 Celsius during the afternoon
At 600m: Plus 3-4 Celsius
Freezing level: 1000-1100m

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